

FORM PTO-1390  
(REV 10-97)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

DATE: May 20, 1999

EXPRESS MAIL LABEL NO.  
EM395349123USATTORNEY DOCKET NO.  
34650/DBPU.S. APPLICATION NO.  
Totally assigned

09/308607

INTERNATIONAL APPLICATION NO.  
PCT/JP97/04288INTERNATIONAL FILING DATE  
25.November.1997PRIORITY DATE CLAIMED  
25.November.1996TITLE OF INVENTION  
PROCESS FOR PRODUCING CERAMICSAPPLICANT(S) FOR DO/EO/US  
Yoshikazu UMEZU and Takehiko ARAI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/LUS).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items below concern other document(s) or other information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☐ Small entity claim with a copy of this transmittal letter attached.
17. ☒ International search report.
18. ☐ International preliminary examination report.
19. ☒ Extra set of drawings
20. ☐
21. ☐

*This paper or fee is being deposited with the  
United States Postal Service "Express Mail  
Post Office to Addressee" under 37 CFR § 1.10  
Mailing Label No. EM395349123US*

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>To Be Assigned</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP97/04288</b>		ATTORNEY DOCKET NO. <b>34650/DBP</b>	
<input checked="" type="checkbox"/> The following fees are submitted: (see Note (1) below) <b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b> Search Report has been prepared by the EPO or JPO ..... <b>\$ 840.00</b> International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... <b>\$ 670.00</b> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... <b>\$ 760.00</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$ 970.00</b> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... <b>\$ 96.00</b>  <b>ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 840.00</b>				<b>CALCULATIONS</b>	<b>PTO USE ONLY</b>
Surcharge of <b>\$130</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
<b>Claims</b>	<b>Number Filed</b>	<b>Number Extra</b>	<b>Rate</b>		
Total Claims	<b>10<sup>+</sup> -20=</b>	<b>0</b>	<b>X \$18</b>	\$	<b>0.00</b>
Independent Claims	<b>4 -3=</b>	<b>1</b>	<b>X \$78</b>	\$	<b>78.00</b>
Multiple dependent claim(s) (if applicable)			<b>+ \$260</b>	\$	<b>260.00</b>
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	<b>1,178.00</b>
Reduction by 1/2 for filing by small entity, if applicable. Verified Small entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).				\$	
<b>SUBTOTAL =</b>				\$	<b>1,178.00</b>
Processing fee of <b>\$130</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	<b>1,178.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				\$	<b>40.00</b>
<b>TOTAL FEES ENCLOSED =</b>				\$	<b>1,218.00</b>
<b>Note (1): The basic national fee must be paid when filing this application. The 20-month time limit (37 CFR § 1.494) and 30-month time limit (37 CFR § 1.495) are not extendable.</b>				Amount to be: refunded	\$
				charged	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of <b>\$ 1,178.00 (filing fee) and \$40.00 (recording fee)</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-1728</u>. A duplicate copy of this sheet is enclosed.</p> <p><b>NOTE (2): Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:</p> <p><b>D. Bruce Prout</b>  <b>CHRISTIE, PARKER &amp; HALE</b>  <b>P.O. Box 7068</b>  <b>Pasadena, CA 91109-7068</b></p> <p style="text-align: right;">By <u>Mark Garscia</u>        Mark Garscia</p> <p style="text-align: center;">This paper or fee is being deposited with Reg. No. 31,953        United States Postal Service "Express Mail"        Post Office to Addressee under 37 CFR § 1.10        Mailing Label No. <u>EM39534912305</u></p>					